

L Number	Hits	Search Text	DB	Time stamp
1	93	(recharg\$3 or replenish\$3) same (prepaid or pre-paid or (pre adj paid))	USPAT	2002/05/10 09:37
2	53	((recharg\$3 or replenish\$3) same (prepaid or pre-paid or (pre adj paid))) same (balance or deplet\$3)	USPAT	2002/05/10 09:05
3	37	((((recharg\$3 or replenish\$3) same (prepaid or pre-paid or (pre adj paid))) same (balance or deplet\$3)) and @ay<=1997	USPAT	2002/05/10 09:05
4	31	(recharg\$3 or replenish\$3) same (prepaid or pre-paid or (pre adj paid))	EPO; JPO; DERWENT; IBM_TDB	2002/05/10 09:39
5	25	((recharg\$3 or replenish\$3) same (prepaid or pre-paid or (pre adj paid))) and @ay<=1999	EPO; JPO; DERWENT; IBM_TDB	2002/05/10 09:40
6	18	((recharg\$3 or replenish\$3) same (prepaid or pre-paid or (pre adj paid))) and @py<=1999	EPO; JPO; DERWENT; IBM_TDB	2002/05/10 09:40

DOCUMENT-IDENTIFIER: US 5774535 A

TITLE: Telecommunication-time metering device utilizable for prepayment of information transfers between information transferring devices within a telecommunication network

----- KWIC -----

APY:
1995

DEPR:

The above-described telecommunication-time metering apparatus has illustrated a single data storage device for a single subscriber line. However, according to the present invention, a plurality of telecommunication lines can be operably associated with a single remote telecommunication-time metering device which is capable of providing prepayment for telecommunication connections. In one such embodiment, the time metering device includes means for registering the members (i.e. telecommunication lines) of a prepaid subscriber (or sponsored) group, and means for storing a reserve of prepurchased telecommunication available to members of the registered group. Such prepurchased telecommunication-time, being represented by telecommunication-time data, would be stored in the group time data storage device. This local pool of telecommunication-time data would be processed each time a subscriber line establishes a telecommunication connection at the central switching station. As in the other embodiments, the time data would be decremented by an amount essentially equal to the

measured

time duration of each telecommunication connection procured. As this

reserve

of telecommunication-time is depleted, it can be replenished as required or desired.

DOCUMENT-IDENTIFIER: US 5867566 A

TITLE: Real-time billing system for a call processing system

----- KWIC -----

APY:

1996

DEPR:

Pre-paid cards allow callers to make long-distance calls or use enhanced services such as messaging, conference calling, speed dialing, or audiotext by charging the calls or services against a prepaid account's positive balance.

Two basic types of cards are available--one that simply expires when its value

is depleted, and one that is "rechargeable." The system has the ability to track calls in progress, interrupt calls to alert the caller of diminishing or remaining time or value, and allow callers to replenish the balance. The system also will provide a warning and terminate calls whose time or dollar value has been exhausted.

L Number	Hits	Search Text	DB	Time stamp
1	74	((ani or (automatic adj number adj identification)) and (prepaid or pre-paid or (pre adj paid)))	USPAT	2002/05/10 11:42
2	53	((ani or (automatic adj number adj identification)) and (prepaid or pre-paid or (pre adj paid))) and @ay<=1997	USPAT	2002/05/10 11:45
3	19	((ani or (automatic adj number adj identification)) same (prepaid or pre-paid or (pre adj paid)))	USPAT	2002/05/10 11:43
4	15	((ani or (automatic adj number adj identification)) same (prepaid or pre-paid or (pre adj paid))) and @ay<=1997	USPAT	2002/05/10 11:45